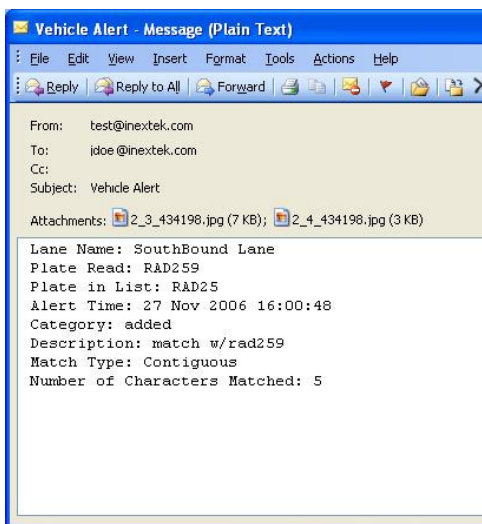


## Features

- Operates with InSignia™ ALPR software for accurate license plate reads
- Matches to a watch-list are made in less than 500msec
- Each *alert message* contains plate and vehicle images along with vehicle information
- *Alert messages* can be sent to an individual or broadcast to a list of authorized recipients. of a match via email, SMS or MMS messaging
- *Alert messages* can be in e-mail, SMS or MMS format



## AMS provides immediate awareness of the presence of vehicles of interest.

The Alert Management System (AMS) was developed to provide security professionals a fast and accurate way to notify someone when a vehicle of interest is present. The software works with the InSignia Automatic License Plate Recognition system to accurately read the license plates of passing vehicles. These reads are matched against a known list of vehicles of interest with all positive matches reported via email, SMS or MMS messaging.

AMS was designed around ease of use and very rapid results. The system takes less than 500msec from the time a vehicle with a listed license plate is encountered to issuing the outbound *alert messages*. Each message contains an image of the license plate, an optional image of the scene with the vehicle present, and other pertinent data such as date, time, location and other user supplied information in the black list.

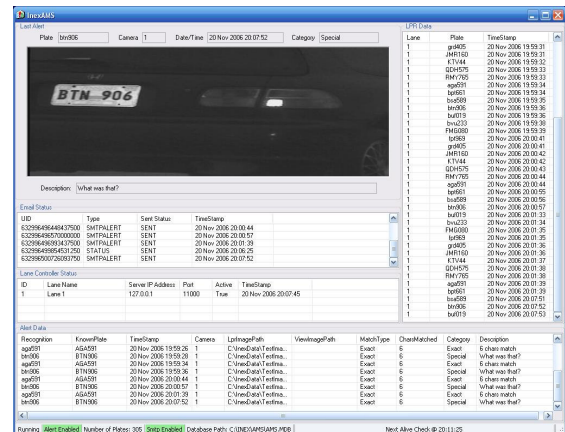
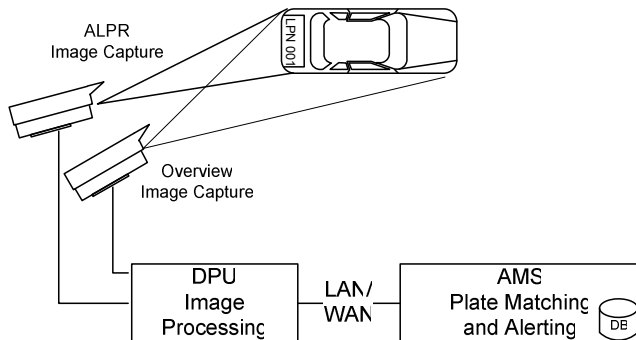
System set-up only takes a few minutes to configure the system characteristics along with the list of authorized recipients of *alert messages*. Vehicle lists can be provided in text or standard spreadsheet formats and all imported lists are immediately activated for use by the system.

The Alert Management System (AMS) provides real-time passing vehicle analysis using Automatic License Plate Recognition (ALPR) to identify vehicles by their license plates and match them against a list of license plates of known vehicles of interest. A match triggers a series of user configurable actions to produce visual, audible, email or SMS alerts.

The Alert Management System is comprised of the following components:

- One or more HY camera/illuminators to capture a high resolution image of the license plate during daytime, nighttime and all weather conditions.
- A data processing unit (DPU) running InSignia 4 ALPR software. The DPU processes the images and performs the plate recognition analysis. DPUs are typically located in close proximity to the cameras and send data back to the AMS server\* via a Local or Wide Area Network.
- A central computer running the AMS program that receives DPU data and performs the plate matching and alerting.

\*It is possible to run the DPU and AMS application on a single server, depending on system size and desired throughput..



## Performance

Vehicle matching  
Throughput  
Match list size

Less than 500 msec  
>1 vehicle per second  
Database dependant

## Alerting

Email

User configurable list of *alert message* authorized recipients  
Connection to SMTP server

SMS

MMS

Admin Alerts

Provides operational status and system statistics on a user defined period.

## System Requirements

ALPR Software  
Operating System  
Network Connection

InSignia 4  
Windows XP Service Pack 2  
TCP/IP